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(AW 08/03)

(AW 08/03)

Substitute for Form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

**(Use as many sheets as necessary)**

SHEET 1 of 2

Complete If Known	
Application Number	To Be Assigned <u>10/506886</u>
Filing Date	Herewith <u>4/27/05</u>
First Named Inventor	T. Ikeda et al.
Art Unit	<u>2612</u>
Examiner Name	<u>Mullen</u>
Attorney Docket No.	MAT-8594US

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
TM		JP 2000-173783 (w/English abstract)	6/23/2000	Matsushita Electric Ind Co Ltd.		<input type="checkbox"/>
		JP 59-187883 (w/English abstract)	12/13/1984	Hitachi Heat Device Co		<input type="checkbox"/>
		JP S-265387 (w/English abstract)	10/15/1993	Computer Dream DEV:KK		<input type="checkbox"/>
		EP 0 770 349	5/2/1997	N. Akasaka et al.		<input type="checkbox"/>
		JP 6-23339 (w/English abstract)	3/25/1994	Tokyo Cosmos Electric Co		<input type="checkbox"/>
↓		JP 1-70389 (w/English abstract)	5/10/1989	Hitachi Ltd.		<input type="checkbox"/>
		JP 5-233980 (w/English abstract)	9/10/1993	Hochiki Corp		<input type="checkbox"/>

Examiner  
Signature /Thomas Mullen/ Date  
Considered 01/22/2007

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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with  
considered. Include copy of this form with next communication to Applicant.

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

**Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).**

**\*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number.**

**Applicant is to place a check mark here if English language translation is attached.**

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The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

SHEET 2 of 2

Complete if Known

Application Number	To Be Assigned	107506886
Filing Date	Herewith	4/27/05
First Named Inventor	T. Ikeda et al.	
Art Unit	2612	
Examiner Name	Mullen	
	Attorney Docket No.	MAT-8594US

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
TM		International Search Report corresponding to application no. PCT/JP03/02714 dated June 24, 2003.	<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	/Thomas Mullen/	Date Considered	01/22/2007
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

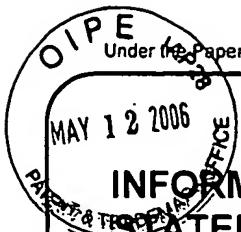
<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here if English language translation is attached.

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MAY 12 2006

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Complete if Known	
Application Number	10/506,886
Filing Date	April 27, 2005
First Named Inventor	Takumi Ikeda et al.
Art Unit	2612
Examiner Name	<del>Daniel J. Wu</del> Mullen
Attorney Docket No.	MAT-8594US

SHEET 1 of 2

U.S. PATENT DOCUMENTS

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## **FOREIGN PATENT DOCUMENTS**

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<sup>2</sup>See **Kind Codes of USPTO Patent Documents** at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

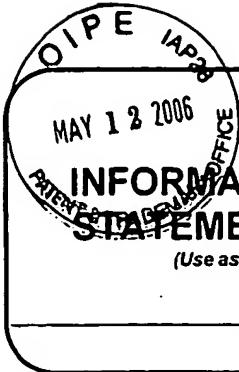
**Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).**

\*For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of document by the appropriate symbol as indicated on the document under WIPO Standard ST 16 if possible.

<sup>8</sup>Kind of document by the appropriate symbols as indicated on the document under  
<sup>9</sup>Applicant is to place a check mark here if English language translation is attached.

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Filing Date	April 27, 2005
First Named Inventor	Takumi Ikeda et al.
Art Unit	2612
Examiner Name	Daniel J. We- Mullen
Attorney Docket No.	MAT-8594US

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Signature	/Thomas Mullen/	Date Considered	01/22/2007
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PTO/SB/08a (07-05) (TMB 07/2005)

Approved for use through 7/31/2006, OMB 0651-0931

Approved for use through 10/2023. GPO 2021-0931  
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Application Number	10/506,886
Filing Date	April 27, 2005
First Named Inventor	Takumi Ikeda et al.
Art Unit	2612
Examiner Name	Daniel J. Weis
Attorney Docket No.	MAT-8594US

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